



0068-0405-0

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

13/cNE  
11/29/01  
B

IN RE APPLICATION OF:

YASUYOSHI SAITO

: EXAMINER: KOSLOW, C.

SERIAL NO: 09/511,316

:

FILED: FEBRUARY 23, 2000

: GROUP ART UNIT: 1755

FOR: ALKALI METAL-CONTAINING  
NIOBATE-BASED PIEZOELECTRIC  
MATERIAL COMPOSITION AND  
A METHOD FOR PRODUCING THE  
SAME

RECEIVED

NOV 28 2001

TC 1700

AMENDMENT UNDER 37 C.F.R. §1.116

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Responsive to the Official Action of September 18, 2001, please amend the above-identified application as follows.

IN THE CLAIMS

Please cancel Claims 13, 14, 19-21 and 26-28.

Please amend Claims 15-17, 22, 23 and 25 as in the attached marked-up copy to read

as follows.

15. (Twice Amended) An alkali-metal containing niobate-based piezoelectric sintering material composition comprising a solid solution represented by a composition formula  $\text{Li}_x(\text{K}_{1-y}\text{Na}_y)_{1-x}(\text{Nb}_{1-z}\text{Ta}_z)\text{O}_3$ , wherein  $x = 0.001$  to  $0.2$ ,  $y = 0$  to  $0.8$ ,  $z = 0$  to  $0.4$ , and at least one additive selected from the group consisting of Cu, Li and Ta.

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Do not  
edit  
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11/29/01